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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,210	10/17/2001	Sridatta Viswanath	SUN-P6535NP US/NC	7389
35690	7590	08/24/2004	EXAMINER	
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C. P.O. BOX 398 AUSTIN, TX 78767-0398			AKERS, GEOFFREY R	
			ART UNIT	PAPER NUMBER

3625

DATE MAILED: 08/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/982,210	Applicant(s) VISWANATH ET AL.	
	Examiner Geoffrey Akers	Art Unit 3625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Request for Continued Examination

1. This action is issued in response to applicant's Request for Continued Examination filed 6/3/04.
2. Independent claims 1,11,17,23 were amended. None were added. None were deleted.
3. Claims 1-25 as amended, are pending.

Claim Rejections - 35 USC § 103

4. Claims 1-25 as amended, are rejected under 35 USC 103(a) as unpatentable over Rivera(2002/0107699) in view of Katz(US 2002/0174000). The rejection as cited in the Final Office Action(Paper #4) is maintained with remaining modifications as cited addressing the amended independent claims.

.....
5.(AMENDED) As per claim 1 Rivera teaches an electronic purchasing and procurement system(Abstract) and a content mapping module (data manager) for mapping electronic purchase requisition applications content of a first data format processed internally to a second data format and a database capable of storing data descriptors describing the contents of the purchase requisition where said data base is capable of storing data object and attributes pertinent to the electronic purchase requisition application content and applications content translation logic translating applications content into a third format(claim 16). Rivera also teaches an applications content configuration module coupled to the application content mapping module(detailed description) and an extensible module capable of including predefined

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data descriptors and data formatting logic(paragraph 0047) and predefined tag information(product identifiers) as well as mapping logic for automatically mapping index information of the first data format into tag information of the second data format(detailed description) as well as a server coupled to the XML content mapper and a plurality of goods and services catalog residing in a database in the server each of catalogs comprising unique goods and services identification parameters and an XML content translator and a document exchange framework module coupled to the content mapping module. (Detailed description) as well as the application content configuration module being capable of being an executable text file. Rivera does not specifically teach utilizing tags of the first data format to determine corresponding data objects and selectively retrieve one or more the data objects and attributes according to a flag. Katz teaches this(Abstract)(Fig2)(Fig 3A)(Fig 3B)(Fig 5)(Fig 7A/138/140/142/144/146)(Fig 7B/186/184/182/180/178/176)(Fig 7D) as well as analyzing internal and external data(claim 1)(claim 91) and utilizing alerts(claim 18) according to customizable conditions(claim 19) as well as processing data into software modules wherein one or more software modules processing a first action of a workflow process into a second action of a workflow process(claims 129-131).Katz further teaches messaging which may incorporate tags(paragraph 0068). Katz further teaches embodiments of data both internal and external(paragraphs 0086-0129) as well as generating documents that can be passed as input to any of the systems that utilize internal data(paragraph 140) and generating a document that can be passed as input to any of the systems that contain external data(paragraph 141)and generating output in a format suitable for direct input

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to any of the systems that contain internal data(paragraph 142) and generating output in a form suitable for direct input to any of the systems that contain external data(paragraph 143).Katz also teaches mapping and transformation of data(paragraph 0180) whereby a transformation of mapping data from source objects to target objects and applying conversions to the data(paragraph 0180) and a transform module(176) that generates scripts that perform the loading. Katz also teaches internal data is formatted in XML as well as a transform module that aggregates and normalizes the XML data so that extracted internal data conforms to a format compatible with the schema in the discover database(paragraphs 0190-0194) as well as for external data(paragraphs 0205) which may include third party formatting. Additionally Katz further teaches that the load module must identify the appropriate destination of internal and external data (paragraph 0213).Katz teaches matching internal products with external products which requires tagging(paragraph 0246-0247). It would have been obvious to one skilled in the art at the time of the invention to combine Rivera in view of Katz to teach the disclosure. The motivation to combine is to teach an electronic purchasing system which integrates external and internal data required by companies to gain insights into business demands and requirements as enunciated by Katz(page 2 (0010)).

6.(AMENDED) As per claim 11 Rivera teaches the electronic purchasing and procurement system(Abstract). As per claim 1 Rivera teaches an electronic purchasing and procurement system(Abstract) and a content mapping module (data manager) for mapping electronic purchase requisition applications content of a first data format

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processed internally to a second data format and a database capable of storing data descriptors describing the contents of the purchase requisition where said data base is capable of storing data object and attributes pertinent to the electronic purchase requisition application content and applications content translation logic translating applications content into a third format(claim 16). Rivera also teaches an applications content configuration module coupled to the application content mapping module(detailed description) and an extensible module capable of including predefined data descriptors and data formatting logic(paragraph 0047) and predefined tag information(product identifiers) as well as mapping logic for automatically mapping index information of the first data format into tag information of the second data format(detailed description) as well as a server coupled to the XML content mapper and a plurality of goods and services catalog residing in a database in the server each of catalogs comprising unique goods and services identification parameters and an XML content translator and a document exchange framework module coupled to the content mapping module(Detailed description) as well as the application content configuration module being capable of being an executable text file. Rivera does not specifically teach a mapping of tag information of the inbound extensible markup language(XML) data to intermediary XML data and a procurement system according to a flag for the outbound XML data wherein said flag indicates whether or not a corresponding data object or attribute is to be presented in said outbound XML data. Katz teaches this(Abstract)(Fig2)(Fig 3A)(Fig 3B)(Fig 5)(Fig 7A/138/140/142/144/146)(Fig 7B/186/184/182/180/178/176)(Fig 7D) as well as analyzing internal and external

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data(claim 1)(claim 91) and utilizing alerts(claim 18) according to customizable conditions(claim 19) as well as processing data into software modules wherein one or more software modules processing a first action of a workflow process into a second action of a workflow process(claims 129-131).Katz further teaches messaging which may incorporate tags(paragraph 0068). Katz further teaches embodiments of data both internal and external(paragraphs 0086-0129) as well as generating documents that can be passed as input to any of the systems that utilize internal data(paragraph 140) and generating a document that can be passed as input to any of the systems that contain external data(paragraph 141)and generating output in a format suitable for direct input to any of the systems that contain internal data(paragraph 142) and generating output in a form suitable for direct input to any of the systems that contain external data(paragraph 143).Katz also teaches mapping and transformation of data(paragraph 0180) whereby a transformation of mapping data from source objects to target objects and applying conversions to the data(paragraph 0180) and a transform module(176) that may generate scripts that perform the loading mapping of tag information of inbound extensible markup language(XML) data and a procurement system according to a flag for the outbound XML data. Katz also teaches internal data is formatted in XML as well as a transform module that aggregates and normalizes the XML data so that extracted internal data conforms to a format compatible with the schema in the discover database(paragraphs 0190-0194) as well as for external data(paragraphs 0205) which may include third party formatting and wherein a flag may be utilized as is customary on the art to indicate whether or not a corresponding data object or attribute is to be

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presented in said outbound XML data. Additionally Katz further teaches that the load module must identify the appropriate destination of internal and external data (paragraph 0213). Katz teaches matching internal products with external products which requires tagging (paragraph 0246-0247). It would have been obvious to one skilled in the art at the time of the invention to combine Rivera in view of Katz to teach the disclosure. The motivation to combine is to teach an electronic purchasing system which integrates external and internal data required by companies to gain insights into business demands and requirements as enunciated by Katz (page 2 (0010)).

7.(AMENDED) As per claim 17 Rivera teaches an electronic purchasing and procurement system (Abstract). As per claim 1 Rivera teaches an electronic purchasing and procurement system (Abstract) and a content mapping module (data manager) for mapping electronic purchase requisition applications content of a first data format processed internally to a second data format and a database capable of storing data descriptors describing the contents of the purchase requisition where said data base is capable of storing data object and attributes pertinent to the electronic purchase requisition application content and applications content translation logic translating applications content into a third format (claim 16). Rivera also teaches an applications content configuration module coupled to the application content mapping module (detailed description) and an extensible module capable of including predefined data descriptors and data formatting logic (paragraph 0047) and predefined tag information (product identifiers) as well as mapping logic for automatically mapping index information of the first data format into tag information of the second data

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format(detailed description) as well as a server coupled to the XML content mapper and a plurality of goods and services catalog residing in a database in the server each of catalogs comprising unique goods and services identification parameters and an XML content translator and a document exchange framework module coupled to the content mapping module(Detailed description) as well as the application content configuration module being capable of being an executable text file. Rivera does not specifically teach generating an intermediary XML data of a second type by mapping tags of said inbound XML data to determine data objects corresponding to said intermediate XML data. Katz teaches this(Abstract)(Fig2)(Fig 3A)(Fig 3B)(Fig 5)(Fig 7A/138/140/142/144/146)(Fig 7B/186/184/182/180/178/176)(Fig 7D) as well as analyzing internal and external data(claim 1)(claim 91) and utilizing alerts(claim 18) according to customizable conditions(claim 19) as well as processing data into software modules wherein one or more software modules processing a first action of a workflow process into a second action of a workflow process(claims 129-131).Katz further teaches messaging which may incorporate tags(paragraph 0068). Katz further teaches embodiments of data both internal and external(paragraphs 0086-0129) as well as generating documents that can be passed as input to any of the systems that utilize internal data(paragraph 140) and generating a document that can be passed as input to any of the systems that contain external data(paragraph 141)and generating output in a format suitable for direct input to any of the systems that contain internal data(paragraph 142) and generating output in a form suitable for direct input to any of the systems that contain external data(paragraph 143).Katz also teaches mapping and

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transformation of data(paragraph 0180) whereby a transformation of mapping data from source objects to target objects and applying conversions to the data(paragraph 0180) and a transform module(176) that generates scripts that perform the loading. Katz also teaches that internal data is formatted in XML as well as a transform module that aggregates and normalizes the XML data so that extracted internal data conforms to a format compatible with the schema in the discovery database(paragraphs 0190-0194) and generating an intermediary XML data of a second type of said in-bound XML data to determine data objects corresponding to said intermediate XML data as well as for external data(paragraphs 0205) which may include third party formatting which could utilize tags. Additionally Katz further teaches that the load module must identify the appropriate destination of internal and external data (paragraph 0213).Katz teaches matching internal products with external products which requires tagging(paragraph 0246-0247). It would have been obvious to one skilled in the art at the time of the invention to combine Rivera in view of Katz to teach the disclosure. The motivation to combine is to teach an electronic purchasing system which integrates external and internal data required by companies to gain insights into business demands and requirements as enunciated by Katz(page 2 (0010)).

8.(AMENDED) As per claim 23 Rivera teaches an electronic purchasing and procurement system(Abstract). As per claim 1 Rivera teaches an electronic purchasing and procurement system(Abstract) and a content mapping module (data manager) for mapping electronic purchase requisition applications content of a first data format processed internally to a second data format and a database capable of storing data

descriptors describing the contents of the purchase requisition where said data base is capable of storing data object and attributes pertinent to the electronic purchase requisition application content and applications content translation logic translating applications content into a third format(claim 16). Rivera also teaches an applications content configuration module coupled to the application content mapping module(detailed description) and an extensible module capable of including predefined data descriptors and data formatting logic(paragraph 0047) and predefined tag information(product identifiers) as well as mapping logic for automatically mapping index information of the first data format into tag information of the second data format(detailed description) as well as a server coupled to the XML content mapper and a plurality of goods and services catalog residing in a database in the server each of catalogs comprising unique goods and services identification parameters and an XML content translator and a document exchange framework module coupled to the content mapping module(Detailed description) as well as the application content configuration module being capable of being an executable text file. Rivera does not specifically teach retrieving XML content wherein said retrieving comprises mapping tags of the first XML data format to tags of a second XML data format to determine corresponding data objects as well as presenting the retrieved XML content according to a write out flag wherein said write out flag indicates whether or not a corresponding data object or attribute is to be presented. Katz teaches this(Abstract)(Fig2)(Fig 3A)(Fig 3B)(Fig 5)(Fig 7A/138/140/142/144/146)(Fig 7B/186/184/182/180/178/176)(Fig 7D) as well as analyzing internal and external data(claim 1)(claim 91) and utilizing alerts(claim 18)

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according to customizable conditions(claim 19) as well as processing data into software modules wherein one or more software modules processing a first action of a workflow process into a second action of a workflow process(claims 129-131).Katz further teaches messaging which may incorporate tags(paragraph 0068). Katz further teaches embodiments of data both internal and external(paragraphs 0086-0129) as well as generating documents that can be passed as input to any of the systems that utilize internal data(paragraph 140) and generating a document that can be passed as input to any of the systems that contain external data(paragraph 141)and generating output in a format suitable for direct input to any of the systems that contain internal data(paragraph 142) and generating output in a form suitable for direct input to any of the systems that contain external data(paragraph 143).Katz also teaches mapping and transformation of data(paragraph 0180) whereby a transformation of mapping data from source objects to target objects and applying conversions to the data(paragraph 0180) and a transform module(176) that generates scripts that perform the loading. This mapping and data transformation incorporates retrieving XML content wherein said retrieving comprises mapping of the first XML data format to that of a second XML data format to determine corresponding data objects as well as presenting the retrieved XML content.This mapping may incorporate tagging for identification. Katz also teaches internal data is formatted in XML as well as a transform module that aggregates and normalizes the XML data so that extracted internal data conforms to a format compatible with the schema in the discover database(paragraphs 0190-0194) as well as for external data(paragraphs 0205) which may include third party formatting.

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Additionally Katz further teaches that the load module must identify the appropriate destination of internal and external data (paragraph 0213). Katz teaches matching internal products with external products which requires tagging (paragraph 0246-0247). It would have been obvious to one skilled in the art at the time of the invention to combine Rivera in view of Katz to utilize a write out flag as a marker which indicates whether or not a corresponding data object or attribute is to be presented to teach the disclosure. The motivation to combine is to teach an electronic purchasing system which integrates external and internal data required by companies to gain insights into business demands and requirements as enunciated by Katz (page 2 (0010)).

Response to Arguments

9. Applicant's arguments have been considered but are moot in view of the additional grounds of rejection.

Conclusion

10. THIS ACTION IS MADE NON-FINAL

Questions regarding this communication may be addressed to the primary examiner, Dr. Geoffrey Akers, P.E., who can be contacted at (703)-306-5844 between the hours of 6:30 AM and 5:00 PM Monday through Friday. If attempts to reach the primary examiner are unsuccessful, the examiner's supervisor, Mr. Vincent Millin, may be telephoned at (703)-308-1065.

GRA

August 21, 2004

DR. GEOFFREY R. AKERS, P.E.
PRIMARY EXAMINER